

# Converting Colors

Decimal(6503193)

Have a look what the booklet for  
Decimal(6503193) contains.

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**Color**

**Decimal(6503193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	633B19
RGB	99, 59, 25
RGB Percent	39%, 23%, 10%
CMY	0.6118, 0.7686, 0.9020
CMYK	0.00, 0.40, 0.75, 0.61
HSL	28°, 60%, 24%
HSV	28°, 75%, 39%
XYZ	6.8850, 5.8508, 1.6861
YIQ	67.0840, 34.7540, -2.0940

# Conversions

## Conversions Part 2

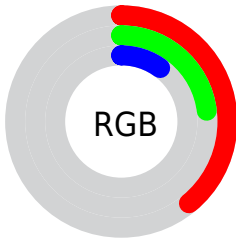
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 88, 25
Decimal	6503193
CIELab	29.03, 14.32, 27.79
CIElCh	29, 31.265, 62.736
Yxy	5.8508, 0.4774, 0.4057
Android (android.graphics.Color)	4284693273 (0xFF633B19)
YUV	67.0840, -20.7474, 27.9903
Hunter-Lab	24.1884, 8.4790, 12.7988




# Details

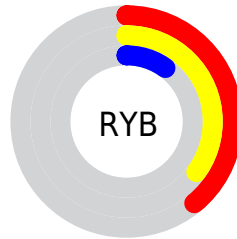
The Decimal color **6503193** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1655139**, and the grayscale version is **4408131**.



A 20% lighter version of the original color is **10054214**, and **3150080** is the 20% darker color. If you saturate the color by 10%, you get **6501903**, and if you desaturate by 10%, it is **6504483**.

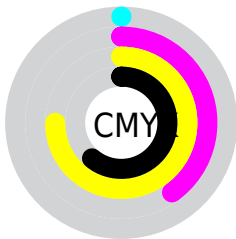
# Distribution







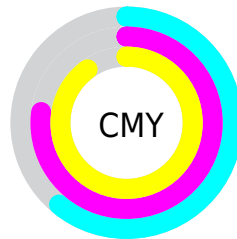
-  Red (39%)
-  Green (23%)
-  Blue (10%)






-  Red (39%)
-  Yellow (35%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (40%)
-  Yellow (75%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (77%)
-  Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6503193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6503193 by changing the saturation by 10% instead.





6503193



6503193

16777215



4793600



10054214



3150080



11895902



1441792



13803127



0



15710609



16766380



16773575



16777187



6503193



6503193

■ 6501903

■ 6504483

■ 6500357

■ 6506029

■ 6499584

■ 6507319

■ 6508609

■ 6510155

■ 6511444

■ 6512734

■ 6514280

■ 6515570

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7287340



6503193



5260305

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6503193



20550



4734317

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6503193



1655139

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1328757



6503193



20574

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6503193



1199917



19823



6566747

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6503193



4213013



19823



3883121



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6503193



8417379



6494530



4208431



12566463



4210752



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6503193



8405261



6512409



3157548



7353344



15756800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1655139



871296



1645923



2895408



15728



33520



# Previews

## White Background



This preview shows how the Decimal color 6503193 looks on a white background.

## Color Contrast Check

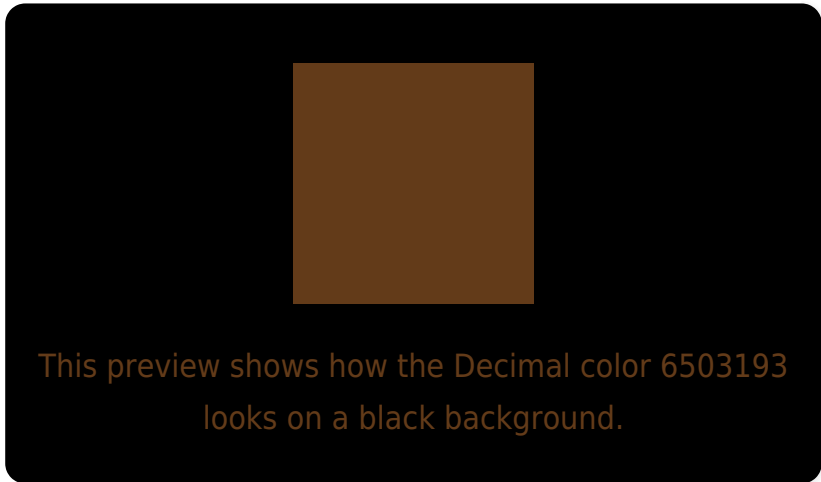
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6503193 Background



This preview shows how black text looks on a background with the Decimal color 6503193.



This preview shows how white text looks on a background with the Decimal color 6503193.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
6503193

**Protanopia**  
5063964

**Deuteranopia**  
5653015



# Trichromacy



**Original Color**  
6503193

**Protanomaly**  
5587227

**Deuteranomaly**  
5979928

**Tritanomaly**  
6567983

# Monochromacy



**Original Color**  
6503193

**Achromatopsia**  
4408131

**Achromatomaly**  
5193780

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6503193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #633B19 looks like.

```
.text, #text, p{  
    color:#633B19  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #633B19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633B19
}
```

## Border

The CSS property to change the border of an element to Decimal 6503193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633B19 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#633B19 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #633B19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633B19; -webkit-box-shadow:4px 4px  
4px 4px #633B19; box-shadow:4px 4px 4px  
4px #633B19 }
```

# Background

The CSS property to change the background color of an element to Decimal 6503193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633B19 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#633B19 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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